

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	547	(568/648).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/01/20 20:32
L2	0	("calmusnear2oilorasarone").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/01/20 20:33
L3	80	(calmus near2 oil) or asarone	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/01/20 20:34
L4	2	I1 and I3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/01/20 20:36
L5	11	"1-propyl-2,4, 5-trimethoxybenzene"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/01/20 20:48
L6	1602	sinha.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/01/20 20:49
L7	21	I3 and I6	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/01/20 20:49

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Connecting via Winsock to STN

Welcome to STN International! Enter x:x

LOGINID:SSSPTA1204RXW

PASSWORD:

TERMINAL (ENTER 1, 2, 3, OR ?):2

\* \* \* \* \* Welcome to STN International \* \* \* \* \*

NEWS 1 Web Page URLs for STN Seminar Schedule - N. America  
NEWS 2 "Ask CAS" for self-help around the clock  
NEWS 3 DEC 05 CASREACT(R) - Over 10 million reactions available  
NEWS 4 DEC 14 2006 MeSH terms loaded in MEDLINE/LMEDLINE  
NEWS 5 DEC 14 2006 MeSH terms loaded for MEDLINE file segment of TOXCENTER  
NEWS 6 DEC 14 CA/CAPLUS to be enhanced with updated IPC codes  
NEWS 7 DEC 21 IPC search and display fields enhanced in CA/CAPLUS with the  
IPC reform  
NEWS 8 DEC 23 New IPC8 SEARCH, DISPLAY, and SELECT fields in USPATFULL/  
USPAT2  
NEWS 9 JAN 13 IPC 8 searching in IFIPAT, IFIUIDB, and IFICDB  
NEWS 10 JAN 13 New IPC 8 SEARCH, DISPLAY, and SELECT enhancements added to  
INPADOC  
NEWS 11 JAN 17 Pre-1988 INPI data added to MARPAT  
NEWS 12 JAN 17 IPC 8 in the WPI family of databases including WPIFV  
  
NEWS EXPRESS JANUARY 03 CURRENT VERSION FOR WINDOWS IS V8.01,  
CURRENT MACINTOSH VERSION IS V6.0c(ENG) AND V6.0Jc(JP),  
AND CURRENT DISCOVER FILE IS DATED 19 DECEMBER 2005.  
V8.0 USERS CAN OBTAIN THE UPGRADE TO V8.01 AT  
<http://download.cas.org/express/v8.0-Discover/>  
  
NEWS HOURS STN Operating Hours Plus Help Desk Availability  
NEWS INTER General Internet Information  
NEWS LOGIN Welcome Banner and News Items  
NEWS PHONE Direct Dial and Telecommunication Network Access to STN  
NEWS WWW CAS World Wide Web Site (general information)

Enter NEWS followed by the item number or name to see news on that  
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\* \* \* \* \* STN Columbus \* \* \* \* \*

FILE 'HOME' ENTERED AT 20:52:19 ON 20 JAN 2006

=> file reg

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

0.21

0.21

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FILE 'REGISTRY' ENTERED AT 20:52:31 ON 20 JAN 2006  
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Property values tagged with IC are from the ZIC/VINITI data file  
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STRUCTURE FILE UPDATES: 18 JAN 2006 HIGHEST RN 872163-75-2  
DICTIONARY FILE UPDATES: 18 JAN 2006 HIGHEST RN 872163-75-2

New CAS Information Use Policies, enter HELP USAGETERMS for details.

TSCA INFORMATION NOW CURRENT THROUGH JULY 14, 2005

Please note that search-term pricing does apply when  
conducting SmartSELECT searches.

\*\*\*\*\*  
\*  
\* The CA roles and document type information have been removed from \*  
\* the IDE default display format and the ED field has been added, \*  
\* effective March 20, 2005. A new display format, IDERL, is now \*  
\* available and contains the CA role and document type information. \*  
\*  
\*\*\*\*\*

Structure search iteration limits have been increased. See HELP SLIMITS  
for details.

REGISTRY includes numerically searchable data for experimental and  
predicted properties as well as tags indicating availability of  
experimental property data in the original document. For information  
on property searching in REGISTRY, refer to:

<http://www.cas.org/ONLINE/UG/regprops.html>

```
=> s 1-propyl-2,4,5-trimethoxybenzene/cn
L1      0 1-PROPYL-2,4,5-TRIMETHOXYBENZENE/CN

=>
=> s 1-propyl-2,4,5-trimethoxybenzene
      18247440 1
      2346114 PROPYL
      45247 2,4,5
      318 TRIMETHOXYBENZENE
L2      0 1-PROPYL-2,4,5-TRIMETHOXYBENZENE
          (1(W) PROPYL(W) 2,4,5(W) TRIMETHOXYBENZENE)
```

```
=> file stnguide
COST IN U.S. DOLLARS                               SINCE FILE      TOTAL
                                                    ENTRY      SESSION
FULL ESTIMATED COST                               24.68         24.89
```

FILE 'STNGUIDE' ENTERED AT 20:53:30 ON 20 JAN 2006  
USE IS SUBJECT TO THE TERMS OF YOUR CUSTOMER AGREEMENT  
COPYRIGHT (C) 2006 AMERICAN CHEMICAL SOCIETY, JAPAN SCIENCE  
AND TECHNOLOGY CORPORATION, AND FACHINFORMATIONSZENTRUM KARLSRUHE

FILE CONTAINS CURRENT INFORMATION.  
LAST RELOADED: Jan 13, 2006 (20060113/UP).

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=> file reg

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

0.36

25.25

FILE 'REGISTRY' ENTERED AT 20:57:05 ON 20 JAN 2006

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STRUCTURE FILE UPDATES: 18 JAN 2006 HIGHEST RN 872163-75-2

DICTIONARY FILE UPDATES: 18 JAN 2006 HIGHEST RN 872163-75-2

New CAS Information Use Policies, enter HELP USAGETERMS for details.

TSCA INFORMATION NOW CURRENT THROUGH JULY 14, 2005

Please note that search-term pricing does apply when conducting SmartSELECT searches.

\*\*\*\*\*  
\*  
\* The CA roles and document type information have been removed from \*  
\* the IDE default display format and the ED field has been added, \*  
\* effective March 20, 2005. A new display format, IDERL, is now \*  
\* available and contains the CA role and document type information. \*  
\*  
\*\*\*\*\*

Structure search iteration limits have been increased. See HELP SLIMITS for details.

REGISTRY includes numerically searchable data for experimental and predicted properties as well as tags indicating availability of experimental property data in the original document. For information on property searching in REGISTRY, refer to:

<http://www.cas.org/ONLINE/UG/regprops.html>

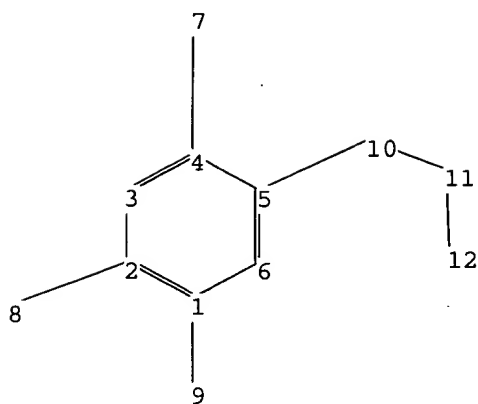
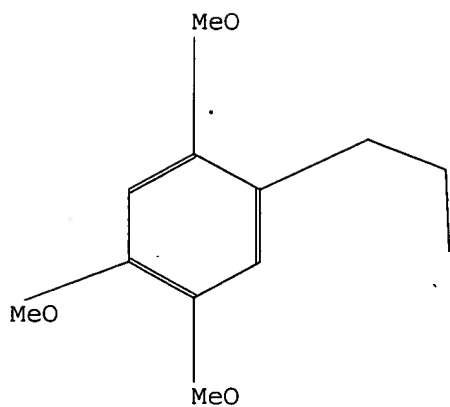
=> ....Testing the current file.... screen

ENTER SCREEN EXPRESSION OR (END):end

=>

Uploading C:\Documents and Settings\RKeys\My Documents\09652376.str

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chain nodes :  
7 8 9 10 11 12  
ring nodes :  
1 2 3 4 5 6  
chain bonds :  
1-9 2-8 4-7 5-10 10-11 11-12  
ring bonds :  
1-2 1-6 2-3 3-4 4-5 5-6  
exact bonds :  
1-9 2-8 4-7 5-10 10-11 11-12  
normalized bonds :  
1-2 1-6 2-3 3-4 4-5 5-6  
isolated ring systems :  
containing 1 :

Match level :

1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:CLASS 8:CLASS 9:CLASS 10:CLASS  
11:CLASS 12:CLASS

L3 STRUCTURE UPLOADED

=> que L3

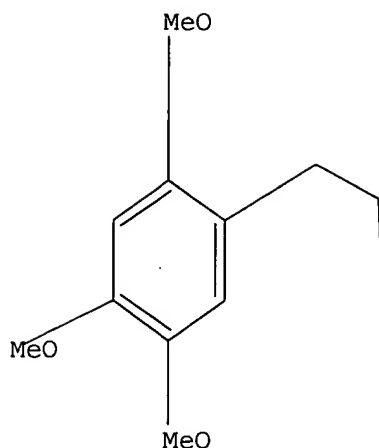
L4 QUE L3

=> d

L4 HAS NO ANSWERS

L3 STR

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Structure attributes must be viewed using STN Express query preparation.

L4 QUE L3

=> s l4

L4 NOT FOUND

The L-number entered has not been defined in this session, or it has been deleted. To see the L-numbers currently defined in this session, enter DISPLAY HISTORY at an arrow prompt (=>).

=> d his

(FILE 'HOME' ENTERED AT 20:52:19 ON 20 JAN 2006)

FILE 'REGISTRY' ENTERED AT 20:52:31 ON 20 JAN 2006

L1 0 S 1-PROPYL-2,4,5-TRIMETHOXYBENZENE/CN

L2 0 S 1-PROPYL-2,4,5-TRIMETHOXYBENZENE

FILE 'STNGUIDE' ENTERED AT 20:53:30 ON 20 JAN 2006

FILE 'REGISTRY' ENTERED AT 20:57:05 ON 20 JAN 2006

L3 STRUCTURE UPLOADED

L4 QUE L3

=> s l4

L4 NOT FOUND

The L-number entered has not been defined in this session, or it has been deleted. To see the L-numbers currently defined in this session, enter DISPLAY HISTORY at an arrow prompt (=>).

=> s l3

SAMPLE SEARCH INITIATED 21:00:18 FILE 'REGISTRY'

SAMPLE SCREEN SEARCH COMPLETED - 570 TO ITERATE

100.0% PROCESSED 570 ITERATIONS

29 ANSWERS

SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE \*\*COMPLETE\*\*

BATCH \*\*COMPLETE\*\*

PROJECTED ITERATIONS: 9968 TO 12832

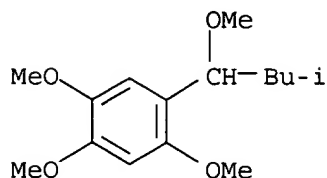
PROJECTED ANSWERS: 257 TO 903

L5 29 SEA SSS SAM L3

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=> d scan

L5 29 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN  
IN Benzene, 1,2,4-trimethoxy-5-(1-methoxy-3-methylbutyl)- (9CI)  
MF C15 H24 O4



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):0

=> s l3 ful

FULL SEARCH INITIATED 21:01:10 FILE 'REGISTRY'  
FULL SCREEN SEARCH COMPLETED - 11702 TO ITERATE

100.0% PROCESSED 11702 ITERATIONS  
SEARCH TIME: 00.00.01

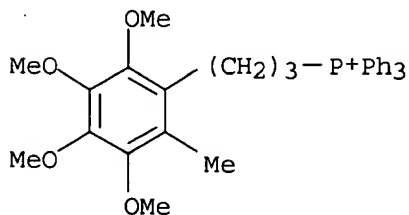
741 ANSWERS

L6 741 SEA SSS FUL L3

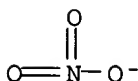
=> d scan

L6 741 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN  
IN Phosphonium, triphenyl[3-(2,3,4,5-tetramethoxy-6-methylphenyl)propyl]-, nitrate (9CI)  
MF C32 H36 O4 P . N O3

CM 1



CM 2



HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):0

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=> s l3 full css

FULL SEARCH INITIATED 21:01:56 FILE 'REGISTRY'

FULL SCREEN SEARCH COMPLETED - 11702 TO ITERATE

100.0% PROCESSED 11702 ITERATIONS

1 ANSWERS

SEARCH TIME: 00.00.01

L7 1 SEA CSS FUL L3

=> d

L7 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2006 ACS on STN

RN 6906-65-6 REGISTRY

ED Entered STN: 16 Nov 1984

CN Benzene, 1,2,4-trimethoxy-5-propyl- (7CI, 8CI, 9CI) (CA INDEX NAME)

OTHER NAMES:

CN 1,2,4-Trimethoxy-5-propylbenzene

CN 1-(2,4,5-Trimethoxyphenyl)propane

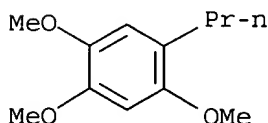
CN Dihydroasarone

FS 3D CONCORD

MF C12 H18 O3

LC STN Files: BEILSTEIN\*, CA, CAOLD, CAPLUS, CASREACT, TOXCENTER, USPAT2,  
USPATFULL

(\*File contains numerically searchable property data)



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

16 REFERENCES IN FILE CA (1907 TO DATE)

16 REFERENCES IN FILE CAPLUS (1907 TO DATE)

1 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

=> file caplus

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

338.86

364.11

FILE 'CAPLUS' ENTERED AT 21:02:18 ON 20 JAN 2006

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FILE COVERS 1907 - 20 Jan 2006 VOL 144 ISS 5  
FILE LAST UPDATED: 19 Jan 2006 (20060119/ED)

Effective October 17, 2005, revised CAS Information Use Policies apply.  
They are available for your review at:

<http://www.cas.org/infopolicy.html>

=> s 6906-65-6/p  
'P' IS NOT A VALID FIELD CODE  
L8 0 6906-65-6/P

=> s 6906-65-6

**REGISTRY INITIATED**

Substance data SEARCH and crossover from CAS REGISTRY in progress...  
Use DISPLAY HITSTR (or FHITSTR) to directly view retrieved structures.

L10 16 L9

=> dup rem l10  
PROCESSING COMPLETED FOR L10  
L11 16 DUP REM L10 (0 DUPLICATES REMOVED)

=> d 1-16 ti

L11 ANSWER 1 OF 16 CAPLUS COPYRIGHT 2006 ACS on STN  
TI Ultrasound-assisted convenient synthesis of hypolipidemic active natural methoxylated (E)-arylalkenes and arylalkanones

L11 ANSWER 2 OF 16 CAPLUS COPYRIGHT 2006 ACS on STN  
TI Ultrasound-assisted conversion of toxic  $\beta$ -asarone into nontoxic bioactive phenylpropanoid: Isoacoramone, a metabolite of *Piper marginatum* and *Acorus tararinowii*

L11 ANSWER 3 OF 16 CAPLUS COPYRIGHT 2006 ACS on STN  
TI Formation of neolignan by DDQ mediated dimerization of dihydroasarone

L11 ANSWER 4 OF 16 CAPLUS COPYRIGHT 2006 ACS on STN  
TI DDQ-mediated one step dimerization of  $\beta$ -asarone or  $\beta$ -asarone rich *Acorus calamus* oil in the formation of novel neolignan

L11 ANSWER 5 OF 16 CAPLUS COPYRIGHT 2006 ACS on STN  
TI Process for the preparation of pharmacologically active  $\alpha$ -asarone from toxic  $\beta$ -asarone-rich *Acorus calamus* oil

L11 ANSWER 6 OF 16 CAPLUS COPYRIGHT 2006 ACS on STN  
TI Synthesis of 1-ethyl-2-methyl-3-arylindanes. Stereochemistry of five-membered ring formation

L11 ANSWER 7 OF 16 CAPLUS COPYRIGHT 2006 ACS on STN  
TI Production of substituted trans-cinnamaldehydes and yellow dyes from phenylpropane derivatives

L11 ANSWER 8 OF 16 CAPLUS COPYRIGHT 2006 ACS on STN  
TI Process for the preparation of 1-propyl-2,4,5-trimethoxybenzene from toxic  $\beta$ -asarone of *Acorus calamus* or from crude *calamus* oil containing

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$\beta$ -asarone

- L11 ANSWER 9 OF 16 CAPLUS COPYRIGHT 2006 ACS on STN  
TI Process for preparation of substituted trans-cinnamaldehyde, a natural yellow dye, from phenylpropane derivatives
- L11 ANSWER 10 OF 16 CAPLUS COPYRIGHT 2006 ACS on STN  
TI High hypolipidemic activity of saturated side-chain  $\alpha$ -asarone analogs
- L11 ANSWER 11 OF 16 CAPLUS COPYRIGHT 2006 ACS on STN  
TI Studies on crude drugs effective on visural larva migrans. XVI. Mobility inhibition and nematocidal activity of asarone and related phenylpropanoids on second-stage larvae of *Toxocara canis*
- L11 ANSWER 12 OF 16 CAPLUS COPYRIGHT 2006 ACS on STN  
TI Potential antipsychotic agents. 5. Synthesis and antidopaminergic properties of substituted 5,6-dimethoxysalicylamides and related compounds
- L11 ANSWER 13 OF 16 CAPLUS COPYRIGHT 2006 ACS on STN  
TI Repellency and toxicity of 55 insect repellents to red-winged blackbirds (*Agelaius phoeniceus*)
- L11 ANSWER 14 OF 16 CAPLUS COPYRIGHT 2006 ACS on STN  
TI Constituents of *Acorus calamus*: structure of acoramone. Carbon-13 NMR spectra of cis- and trans-asarone
- L11 ANSWER 15 OF 16 CAPLUS COPYRIGHT 2006 ACS on STN  
TI Isolation of 2,4,5-trimethoxyallylbenzene from *Caesulia axillaries* oil
- L11 ANSWER 16 OF 16 CAPLUS COPYRIGHT 2006 ACS on STN  
TI Oxa compounds. VI

=> d 8

- L11 ANSWER 8 OF 16 CAPLUS COPYRIGHT 2006 ACS on STN  
AN 2002:221245 CAPLUS  
DN 136:247399  
TI Process for the preparation of 1-propyl-2,4,5-trimethoxybenzene from toxic  $\beta$ -asarone of *Acorus calamus* or from crude *calamus* oil containing  $\beta$ -asarone  
IN Sinha, Arun Kumar  
PA Council of Scientific and Industrial Research, India  
SO U.S. Pat. Appl. Publ., 16 pp., Division of U.S. Ser. No. 652,376.  
CODEN: USXXCO  
DT Patent  
LA English  
FAN.CNT 1
- |      | PATENT NO.          | KIND | DATE     | APPLICATION NO. | DATE     |
|------|---------------------|------|----------|-----------------|----------|
|      | -----               | ---- | -----    | -----           | -----    |
| PI   | US 2002035299       | A1   | 20020321 | US 2001-957867  | 20010921 |
|      | US 6528041          | B2   | 20030304 |                 |          |
|      | CN 1340494          | A    | 20020320 | CN 2001-119219  | 20010327 |
|      | JP 2002088004       | A2   | 20020327 | JP 2001-101894  | 20010330 |
|      | US 2003113275       | A1   | 20030619 | US 2003-338327  | 20030108 |
| PRAI | US 2000-652376      | A3   | 20000831 |                 |          |
|      | US 2001-957867      | A3   | 20010921 |                 |          |
| OS   | CASREACT 136:247399 |      |          |                 |          |

=> log y

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COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

10.21

375.22

STN INTERNATIONAL LOGOFF AT 21:05:10 ON 20 JAN 2006